



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
JUL 03 2002
Technology Center 2600

APPLICANT(S): Andrew L. Norrell, et al.
SERIAL NO.: 10/072,833
FILED: February 6, 2002
TITLE: Loop Extender with Selectable Line Termination and Equalization
EXAMINER: Unknown
GROUP ART UNIT: 2631
ATTY.DKT.NO.: PA1599US

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date printed below:

Date: 6/21/2002

Wendi R. Schepler
Wendi R. Schepler

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

INFORMATION DISCLOSURE STATEMENT
Under 37 C.F.R. §§ 1.56, and 1.97-1.98

SIR:

Pursuant to the provisions of 37 C.F.R. §§ 1.56 and 1.97-98 of the Rules of Practice in Patent Cases, enclosed herewith is form PTO-SB-08 that lists five (5) references, and a statement listing five (5) co-pending applications. One copy of each reference and co-pending application is included herewith. The Examiner is requested to make these references of official record in the application. The references cited may be material to examination of the application and are submitted in compliance with Applicants' duty of disclosure as defined by 37 C.F.R. § 1.56.

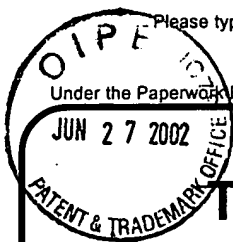
No representation is made or intended as to the completeness of this list, nor is the inclusion of any reference on this list an admission that it is prior art or pertinent to this application.

Respectfully submitted,
Andrew L. Norrell, et al.

Dated: 6/21/2002

By: Wendi R. Schepler
Wendi R. Schepler, Reg. No. 43,091
Carr & Ferrell *LLP*
2225 East Bayshore Road, Suite 200
Palo Alto, CA 94303
TEL: (650) 812-3400
FAX: (650) 812-3444

2631

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/072,833	
	Filing Date	February 6, 2002	
	First Named Inventor	Andrew L. Norrell	
	Group Art Unit	2631	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	7	Attorney Docket Number	PA159905

RECEIVED

JUL 03 2002

Technology Center 2600

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copies of 5 references and 5 co-pending applications, 2x statement regarding co-pending applications, 2 x SB08A, postcard
Remarks Total page number count does not include the references, the co-pending applications, or the postcard.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Carr & Ferrell, LLP Cust. No. 22830
Signature	Wendi R. Schepler Reg No. 43,091
Date	June 21, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>June 21, 2002</u>	
Typed or printed name	Wendi R. Schepler
Signature	Wendi R. Schepler
Date	June 21, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Substitute for form 1449A/PTO

Complete if Known

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/072,833
Filing Date	February 6, 2002
First Named Inventor	Andrew L. Norrell
Group Art Unit	2631
Examiner Name	Unknown
Attorney Docket Number	PA1599US

RECEIVED
JUL 03 2002

Technology Center 2600

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
JUL 03 2002
Technology Center 2600

APPLICANT(S): Andrew L. Norrell, et al.
SERIAL NO.: 10/072,833
FILED: February 6, 2002
TITLE: Loop Extender with Selectable Line Termination and Equalization
EXAMINER: Unknown
GROUP ART UNIT: 2631
ATTY.DKT.NO.: PA1599US

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

**List of Co-Pending Patent Applications That May Be Directed
Towards Similar Subject Matter**

Examiner's Initials	Serial Number	First-Named Inventor	Title	Filing Date
	09/569,470	Brian L. Hinman	DSL Repeater	05/12/2000
	09/610,788	Brian L. Hinman	DSP-Based Repeater for DSL Signals	07/06/2000
	09/670,475	Brian L. Hinman	Load Coil and DSL Repeater Including Same	09/26/2000
	10/071,091	Andrew L. Norrell	Loop Extender with Communications, Control, and Diagnostics	02/06/2002
	10/071,980	Andrew L. Norrell	Line Powered Loop Extender with Communications, Control, and Diagnostics	02/06/2002
Examiner's Signature:				Date